

Notice of Allowability

Application No.

10/752,704

Examiner

Charles Appiah

Applicant(s)

CANNON ET AL.

Art Unit

2686

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to divisional application filed on 08 January 2004.
2. ☒ The allowed claim(s) is/are 8-23 renumbered as 1-16 respectively.
3. ☒ The drawings filed on 08 January 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 08/ January 2004
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Allowable Subject Matter

1. Claims 8-23 are allowed.
2. The following is an examiner's statement of reasons for allowance:

With respect to claims 8 and 12, the prior art of record such as Steffensen et al. (5,228,667), discloses an arrangement for a cordless telephone system that include battery charging means wherein time management information stored in the portable unit can be updated or changed, Oda et al. (4,656,653), discloses a cordless telephone apparatus having a fixed unit and a portable unit and having means for reducing channel-scanning synchronizing when the portable unit's battery is being charged, Sklovsky (6,710,578), discloses power resource management system that reduces current drain, Haraguchi et al. (4,979,205), discloses a cordless telephone system in which during a battery recharging period identification codes are exchanged between the base unit and the handset, Nyu et al. (5,142,563), discloses a cordless telephone system with quick charge mode for battery recharging, Flynn (5,870,685), discloses a method and apparatus for controlling the operations of a battery-operated mobile station based on battery capacity.

The instant invention with respect to claims 8 and 12, discloses a method and an apparatus for determining a period of operation between a remote unit and a matching base unit that include detecting a charging to the remote unit from the base unit and adjusting a period between a check of frequency alignment between the remote handset and the base unit based on a battery voltage level in the remote

handset. The above novel features are neither taught, made obvious or fairly suggested by Steffensen, Oda, Sklovsky, Haraguchi, Nyu or Flynn, alone or in combination.

The instant invention with respect to claims 16 and 20, discloses a method and an apparatus for adjusting a frequency of an alignment operation between two wireless components that communicate with each other comprising: monitoring a voltage output level of a battery in at least one of the two wireless components and decreasing the frequency of the alignment operation between the two wireless components if the monitored voltage output level of the battery falls below a given threshold level. The above novel features are neither taught, made obvious or fairly suggested by Steffensen, Oda, Sklovsky, Haraguchi, Nyu or Flynn, alone or in combination.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Appiah whose telephone number is 703 305-4772. The examiner can normally be reached on M-F 7:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold can be reached on 703 305-4379. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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CHARLES APPIAH
PRIMARY EXAMINER